

Supplementary materials. Excluding people who tested negative for covid-19 from self-isolation analyses

We used data from different questions to identify participants who tested negative for covid-19. In data collected between 1 June and 5 August 2020 (waves 19 to 26), participants who reported they had requested a test after developing covid-19 symptoms were asked to indicate their test result or if they were still waiting for results. In data collected from 7 December 2020 (wave 36 onwards), all participants were asked if they had been tested for covid-19 in the last seven days, and if so, what the results of their test were. In data collected from 11 January 2021 (wave 41 onwards), having received a negative test was included in the list of reasons why you had left home since developing symptoms (only shown to participants who reported having covid-19 symptoms and who reported having requested a test). In all waves, participants with covid-19 symptoms could specify “other” reasons for having left home.

Supplementary materials. Endorsement of common symptoms of covid-19

| Can you tell us what you think the most common symptoms of coronavirus are? Please select up to 5 | 26 May 2020 to 27 January 2021, n [†] | % | 25 to 27 January 2021, n [‡] | % |
|---|--|------|---|------|
| Cough | 37,336 | 73.8 | 1516 | 75.5 |
| High temperature / fever | 36,560 | 72.2 | 1383 | 68.9 |
| Loss of sense of smell | 33,280 | 65.7 | 1424 | 71.0 |
| Loss of taste | 32,211 | 63.6 | 1422 | 70.9 |
| Shortness of breath / difficulty breathing | 27,064 | 53.5 | 1142 | 56.9 |
| Flu-like symptoms | 14,351 | 28.4 | 483 | 24.1 |
| Sore throat | 8,126 | 16.1 | 275 | 13.7 |
| Feeling tired or having low energy | 7,986 | 15.8 | 325 | 16.2 |
| Headaches | 5,028 | 9.9 | 214 | 10.7 |
| Loss of appetite | 4,086 | 8.1 | 164 | 8.2 |
| Aches and pains | 2,855 | 5.6 | 123 | 6.1 |
| Chest pain | 2,516 | 5.0 | 86 | 4.3 |
| Sneezing | 2,382 | 4.7 | 53 | 2.6 |
| Chills / shivering | 2,225 | 4.4 | 98 | 4.9 |
| Nausea / feeling sick | 1,550 | 3.1 | 73 | 3.6 |
| Diarrhoea | 1,482 | 2.9 | 51 | 2.5 |
| Runny nose | 1,449 | 2.9 | 45 | 2.2 |
| Pain in your arms, legs or joints | 1,126 | 2.2 | 42 | 2.1 |
| Blocked nose | 870 | 1.7 | 39 | 1.9 |
| Dizziness | 879 | 1.7 | 38 | 1.9 |
| Vomiting | 787 | 1.6 | 36 | 1.8 |
| Feeling your heart pound or race | 598 | 1.2 | 23 | 1.1 |
| Stomach ache | 538 | 1.1 | 21 | 1.0 |
| Trouble sleeping | 516 | 1.0 | 16 | 0.8 |
| Back pain | 511 | 1.0 | 21 | 1.0 |
| Fainting spells | 440 | 0.9 | 23 | 1.1 |
| Don't know (single code) | 1,189 | 2.3 | 33 | 1.6 |

[†] Baseline n=50,617.

[‡] Baseline n=2,007.

Supplementary materials. Lowess plots showing associations between outcomes and age.

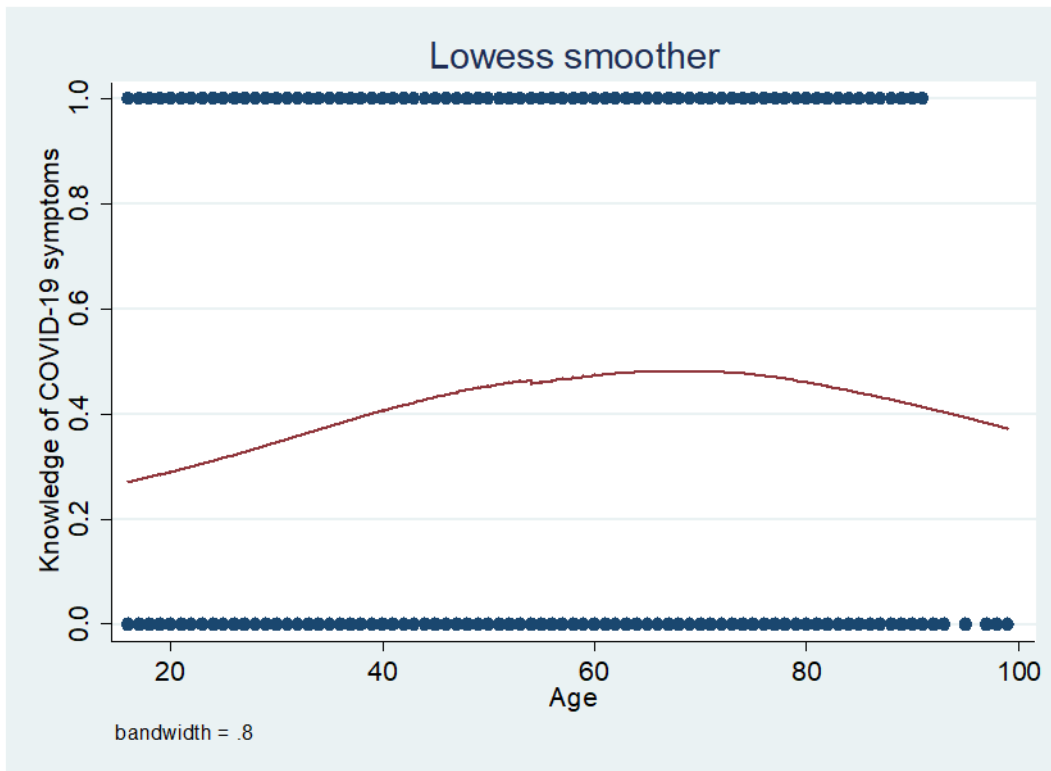


Figure 1. Symptom identification and age.

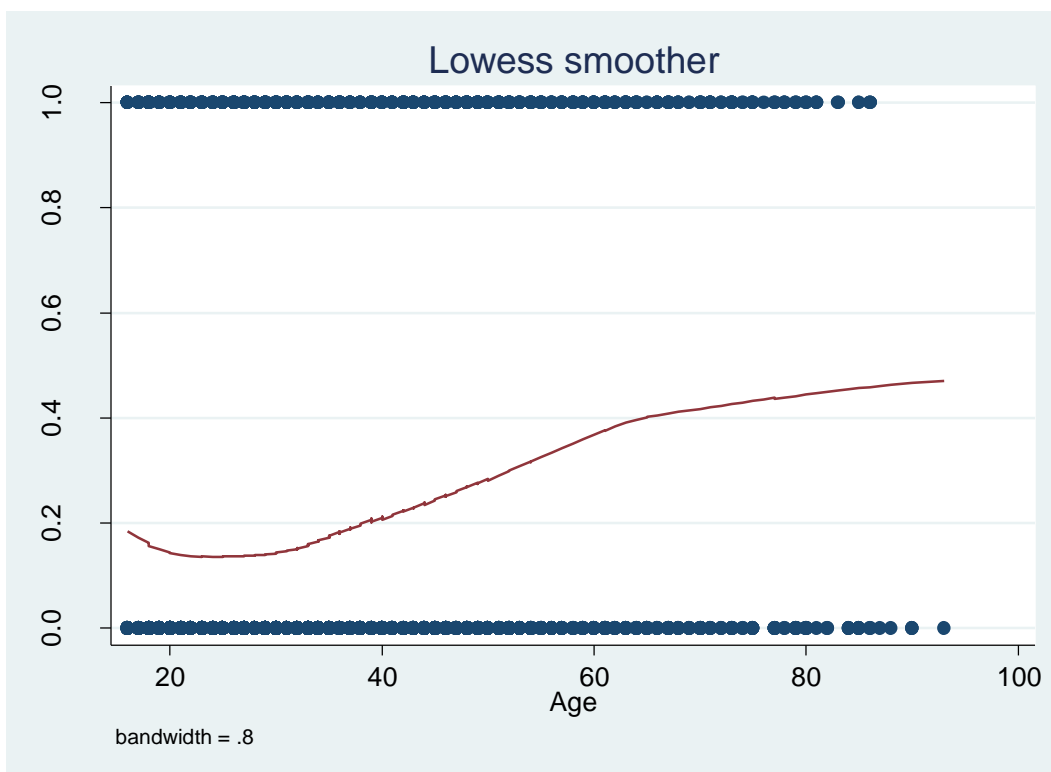


Figure 2. Full self-isolation and age.

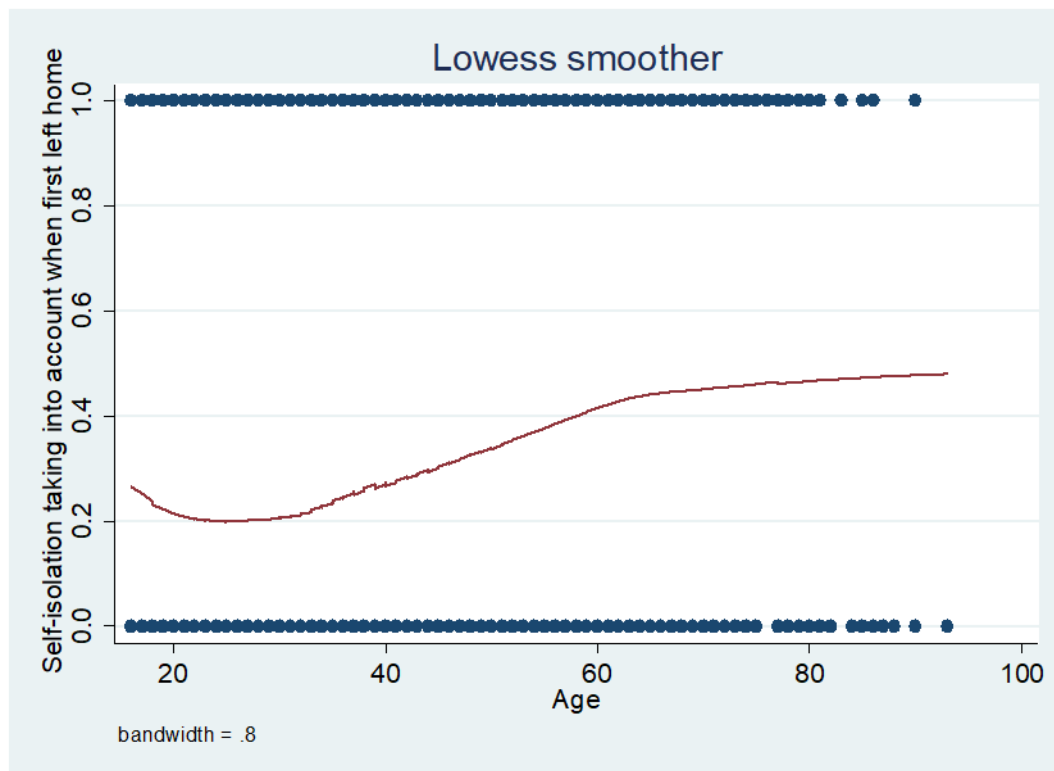


Figure 3. Full self-isolation accounting for duration of isolation and age.

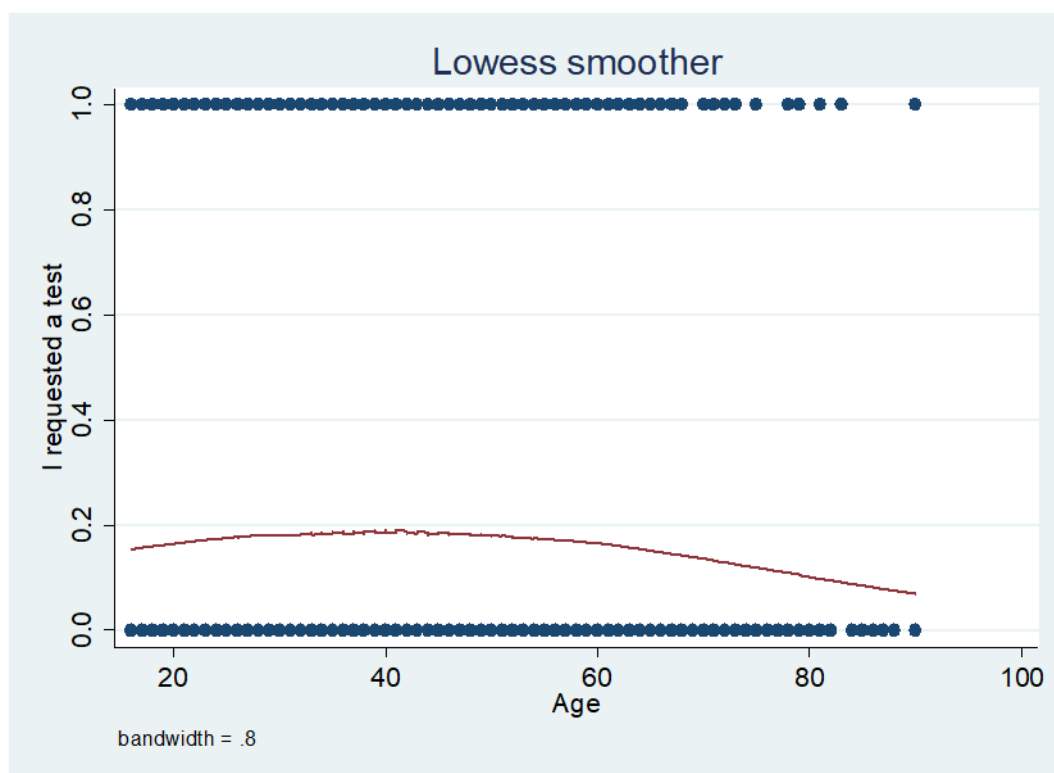


Figure 4. Requesting a test after developing symptoms of covid-19 and age.

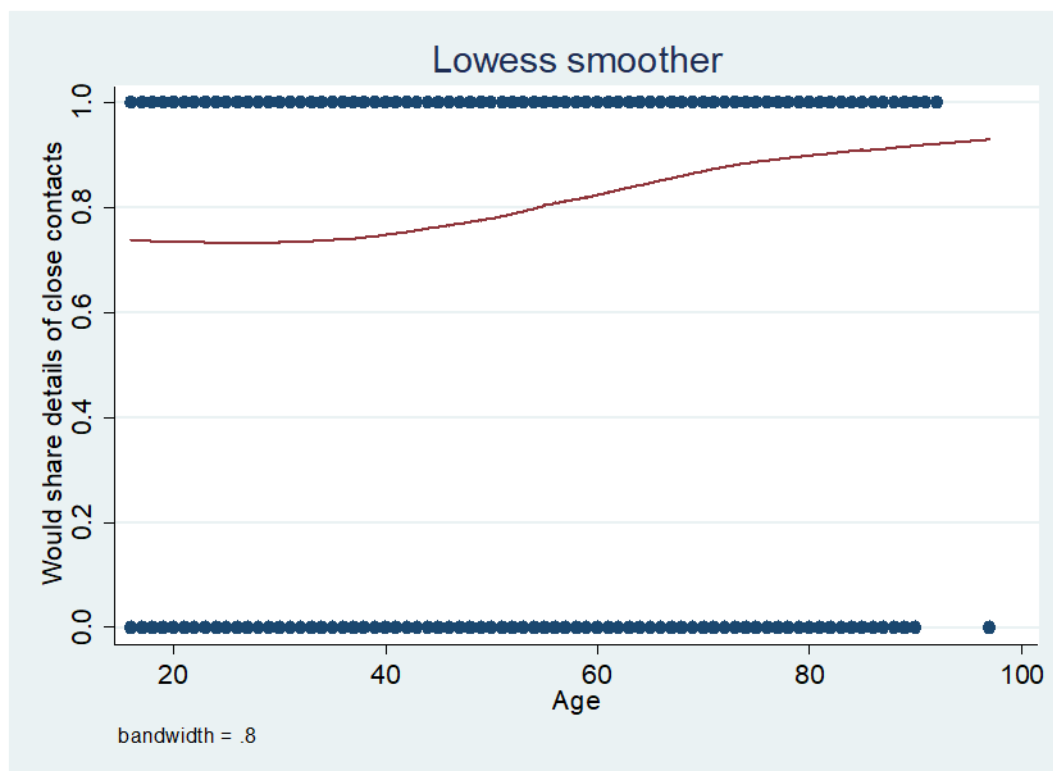


Figure 5. Intention to share details of your close contacts with the NHS contact tracing service and age.

Supplementary materials. Associations between outcomes and survey wave and region.

Table 1. Symptom identification and associations with survey wave and region. Bolding indicates findings significant at a $p<0.001$.

| Participant characteristics | Level | Did not identify cough, high temperature / fever, and loss of sense of smell or taste n=23,638 | Identified cough, high temperature / fever, and loss of sense of smell or taste n=24,889 | Odds ratio (95% CI) for correctly identifying symptoms | p-value | Adjusted odds ratio (95% CI) for correctly identifying symptoms† | p-value |
|-----------------------------|--|--|--|--|------------------|--|------------------|
| Survey wave | 26 to 27 May 2020 (wave 18) | 1,047 (52.4) | 951 (47.6) | Reference | - | Reference | - |
| | 1 to 3 June 2020 (wave 19) | 980 (49.1) | 1,014 (50.9) | 1.17 (1.04 to 1.31) | 0.008 | 1.05 (0.93 to 1.19) | 0.39 |
| | 8 to 10 June 2020 (wave 20) | 981 (49.1) | 1,015 (50.9) | 1.13 (1.01 to 1.27) | 0.03 | 1.03 (0.91 to 1.17) | 0.64 |
| | 15 to 17 June 2020 (wave 21) | 1,020 (51.1) | 978 (48.9) | 1.02 (0.91 to 1.14) | 0.77 | 0.94 (0.83 to 1.06) | 0.33 |
| | 22 to 24 June 2020 (wave 22) | 1,025 (51.2) | 978 (48.8) | 1.07 (0.95 to 1.20) | 0.28 | 0.97 (0.86 to 1.10) | 0.65 |
| | 29 June to 1 July 2020 (wave 23) | 1,017 (50.9) | 980 (49.1) | 1.05 (0.93 to 1.17) | 0.45 | 0.93 (0.82 to 1.05) | 0.25 |
| | 6 to 8 July 2020 (wave 24) | 1,068 (53.3) | 935 (46.7) | 0.94 (0.84 to 1.06) | 0.33 | 0.86 (0.76 to 0.97) | 0.01 |
| | 20 to 22 July 2020 (wave 25) | 1,043 (51.8) | 971 (48.2) | 1.04 (0.93 to 1.17) | 0.48 | 0.98 (0.86 to 1.11) | 0.72 |
| | 3 to 5 August 2020 (wave 26) | 1,008 (50.4) | 991 (49.6) | 1.03 (0.92 to 1.16) | 0.60 | 0.97 (0.85 to 1.09) | 0.59 |
| | 1 to 2 September 2020 (wave 27) | 1,062 (52.6) | 956 (47.4) | 0.97 (0.86 to 1.10) | 0.67 | 0.88 (0.78 to 1.00) | 0.06 |
| | 14 to 16 September 2020 (wave 28) | 1,002 (49.8) | 1,011 (50.2) | 1.07 (0.95 to 1.21) | 0.26 | 0.98 (0.86 to 1.11) | 0.77 |
| | 28 to 30 September 2020 (wave 29) | 904 (44.4) | 1,132 (55.6) | 1.31 (1.16 to 1.47) | <0.001 | 1.20 (1.06 to 1.36) | 0.004 |
| | 12 to 14 October 2020 (wave 30) | 936 (45.2) | 1,136 (54.8) | 1.27 (1.13 to 1.43) | <0.001 | 1.13 (1.00 to 1.28) | 0.06 |
| | 26 to 28 October 2020 (wave 31)* | 902 (44.2) | 1,141 (55.8) | 1.33 (1.18 to 1.50) | <0.001 | - | - |
| | 9 to 11 November 2020 (wave 32) | 927 (45.7) | 1,102 (54.3) | 1.25 (1.11 to 1.41) | <0.001 | 1.13 (0.99 to 1.28) | 0.06 |
| | 16 to 18 November 2020 (wave 33) | 977 (47.5) | 1,082 (52.5) | 1.19 (1.06 to 1.34) | 0.004 | 1.08 (0.95 to 1.23) | 0.22 |
| | 23 to 25 November 2020 (wave 34) | 967 (47.8) | 1,058 (52.2) | 1.14 (1.01 to 1.28) | 0.03 | 1.02 (0.90 to 1.16) | 0.77 |
| | 30 November to 2 December 2020 (wave 35) | 983 (48.0) | 1,067 (52.0) | 1.15 (1.03 to 1.30) | 0.02 | 1.10 (0.97 to 1.24) | 0.15 |
| | 7 to 9 December 2020 (wave 36) | 966 (45.9) | 1,139 (54.1) | 1.23 (1.10 to 1.38) | <0.001 | 1.10 (0.97 to 1.25) | 0.13 |
| | 14 to 16 December 2020 (wave 37) | 947 (46.9) | 1,074 (53.1) | 1.18 (1.05 to 1.33) | 0.005 | 1.07 (0.94 to 1.21) | 0.30 |
| | 21 to 23 December 2020 (wave 38) | 951 (47.2) | 1,064 (52.8) | 1.17 (1.04 to 1.31) | 0.01 | 1.06 (0.93 to 1.20) | 0.40 |
| | 28 to 30 December 2020 (wave 39) | 950 (46.8) | 1,078 (53.2) | 1.20 (1.07 to 1.36) | 0.002 | 1.06 (0.93 to 1.20) | 0.38 |
| | 4 to 6 January 2021 (wave 40) | 934 (45.7) | 1,108 (54.3) | 1.23 (1.09 to 1.39) | 0.001 | 1.16 (1.03 to 1.32) | 0.02 |
| | 11 to 13 January 2021 (wave 41) | 955 (47.6) | 1,050 (52.4) | 1.17 (1.04 to 1.32) | 0.008 | 1.06 (0.94 to 1.20) | 0.36 |
| | 25 to 27 January 2021 (wave 42) | 988 (49.2) | 1,019 (50.8) | 1.08 (0.96 to 1.22) | 0.21 | 0.98 (0.86 to 1.11) | 0.75 |
| Region‡ | East Midlands | 1,785 (46.6) | 2,044 (53.4) | Reference | - | Reference | - |
| | East of England | 2,109 (45.1) | 2,571 (54.9) | 1.06 (0.97 to 1.17) | 0.21 | 1.00 (0.91 to 1.11) | 0.95 |
| | London | 3,484 (58.3) | 2,495 (41.7) | 0.61 (0.56 to 0.67) | <0.001 | 0.76 (0.69 to 0.83) | <0.001 |
| | North East | 1,035 (47.2) | 1,156 (52.8) | 0.97 (0.87 to 1.09) | 0.65 | 0.97 (0.86 to 1.09) | 0.62 |
| | North West | 2,773 (50.7) | 2,693 (49.3) | 0.85 (0.77 to 0.93) | <0.001 | 0.86 (0.78 to 0.94) | 0.002 |
| | Northern Ireland | 396 (45.4) | 477 (54.6) | 1.08 (0.92 to 1.27) | 0.37 | 1.06 (0.89 to 1.25) | 0.51 |
| | Scotland | 1,770 (47) | 1,999 (53) | 0.98 (0.89 to 1.08) | 0.71 | 0.95 (0.86 to 1.05) | 0.34 |
| | South East | 2,944 (45.7) | 3,498 (54.3) | 1.04 (0.95 to 1.13) | 0.41 | 0.98 (0.90 to 1.08) | 0.70 |
| | South West | 1,936 (46.3) | 2,241 (53.7) | 1.00 (0.91 to 1.10) | 0.98 | 0.95 (0.86 to 1.05) | 0.30 |
| | Wales | 1,085 (45.6) | 1,294 (54.4) | 1.02 (0.91 to 1.14) | 0.69 | 0.95 (0.84 to 1.06) | 0.35 |
| | West Midlands | 2,164 (50.0) | 2,161 (50.0) | 0.87 (0.79 to 0.96) | 0.004 | 0.94 (0.85 to 1.04) | 0.22 |

| | | | | | | |
|--------------------------|--------------|--------------|---------------------|------|---------------------|------|
| Yorkshire and the Humber | 2,157 (48.8) | 2,260 (51.2) | 0.90 (0.82 to 1.00) | 0.04 | 0.89 (0.81 to 0.99) | 0.02 |
|--------------------------|--------------|--------------|---------------------|------|---------------------|------|

* Wave 31 data were excluded from analyses, therefore these data are not included in the totals in the column headers.

† Adjusting for survey wave, region, sex, age (raw and quadratic term), dependent child in the household, being clinically vulnerable to covid-19, having a household member with a chronic illness, employment status, socioeconomic grade, index of multiple deprivation, highest educational or professional qualification, ethnicity, and living alone.

‡ For most GEE analyses, we used an exchangeable correlation structure. This failed to converge for the univariable analysis for region, so we used an unstructured correlation structure.

Table 2. Full self-isolation after developing symptoms of covid-19 and associations with survey wave and region. Bolding indicates findings significant at a $p < 0.001$.

| Participant characteristics | Level | Did not fully self-isolate n=2,769 | Fully self-isolated n=688 | Odds ratio (95% CI) for fully self-isolating | p-value | Adjusted odds ratio (95% CI) for fully self-isolating † | p-value |
|-----------------------------|--|------------------------------------|---------------------------|--|---------|---|---------|
| Survey wave | 14 to 15 April 2020 (wave 12) | 107 (80.5) | 26 (19.5) | Reference | - | Reference | - |
| | 20 to 22 April 2020 (wave 13) | 119 (83.8) | 23 (16.2) | 0.78 (0.44 to 1.41) | 0.41 | 0.99 (0.53 to 1.86) | 0.97 |
| | 27 to 29 April (wave 14) | 88 (80.0) | 22 (20.0) | 0.98 (0.53 to 1.81) | 0.96 | 1.30 (0.66 to 2.55) | 0.45 |
| | 4 to 6 May 2020 (wave 15) | 93 (80.9) | 22 (19.1) | 0.95 (0.52 to 1.74) | 0.87 | 0.95 (0.49 to 1.84) | 0.87 |
| | 11 to 13 May (wave 16) | 104 (84.6) | 19 (15.4) | 0.82 (0.46 to 1.47) | 0.51 | 0.94 (0.51 to 1.76) | 0.86 |
| | 18 to 20 May 2020 (wave 17) | 84 (73.7) | 30 (26.3) | 1.42 (0.81 to 2.48) | 0.22 | 1.26 (0.67 to 2.38) | 0.47 |
| | 26 to 27 May 2020 (wave 18) | 139 (79.0) | 37 (21.0) | 1.08 (0.64 to 1.82) | 0.78 | 0.99 (0.55 to 1.79) | 0.97 |
| | 1 to 3 June 2020 (wave 19) | 98 (74.2) | 34 (25.8) | 1.34 (0.78 to 2.32) | 0.29 | 1.38 (0.75 to 2.52) | 0.30 |
| | 8 to 10 June 2020 (wave 20) | 106 (80.3) | 26 (19.7) | 0.94 (0.53 to 1.67) | 0.84 | 0.70 (0.37 to 1.34) | 0.29 |
| | 15 to 17 June 2020 (wave 21) | 102 (86.4) | 16 (13.6) | 0.63 (0.34 to 1.18) | 0.15 | 0.62 (0.30 to 1.27) | 0.20 |
| | 22 to 24 June 2020 (wave 22) | 112 (88.2) | 15 (11.8) | 0.57 (0.30 to 1.07) | 0.08 | 0.52 (0.26 to 1.02) | 0.06 |
| | 29 June to 1 July 2020 (wave 23) | 91 (80.5) | 22 (19.5) | 0.99 (0.55 to 1.78) | 0.96 | 1.01 (0.53 to 1.90) | 0.99 |
| | 6 to 8 July 2020 (wave 24) | 94 (83.9) | 18 (16.1) | 0.85 (0.46 to 1.56) | 0.60 | 1.00 (0.51 to 1.94) | 0.99 |
| | 20 to 22 July 2020 (wave 25) | 107 (85.6) | 18 (14.4) | 0.68 (0.37 to 1.25) | 0.21 | 0.66 (0.34 to 1.28) | 0.21 |
| | 3 to 5 August 2020 (wave 26) | 87 (84.5) | 16 (15.5) | 0.67 (0.34 to 1.34) | 0.26 | 0.68 (0.31 to 1.47) | 0.32 |
| | 1 to 2 September 2020 (wave 27) | 109 (81.3) | 25 (18.7) | 0.91 (0.50 to 1.63) | 0.74 | 0.78 (0.40 to 1.52) | 0.46 |
| | 14 to 16 September 2020 (wave 28) | 110 (86.6) | 17 (13.4) | 0.61 (0.32 to 1.17) | 0.14 | 0.44 (0.22 to 0.88) | 0.02 |
| | 28 to 30 September 2020 (wave 29) | 98 (87.5) | 14 (12.5) | 0.56 (0.29 to 1.10) | 0.09 | 0.51 (0.24 to 1.07) | 0.08 |
| | 12 to 14 October 2020 (wave 30) | 77 (72.6) | 29 (27.4) | 1.35 (0.75 to 2.43) | 0.32 | 1.03 (0.54 to 1.97) | 0.93 |
| | 26 to 28 October 2020 (wave 31)* | 78 (70.9) | 32 (29.1) | 1.61 (0.91 to 2.85) | 0.10 | - | - |
| | 9 to 11 November 2020 (wave 32) | 104 (81.9) | 23 (18.1) | 0.86 (0.48 to 1.57) | 0.63 | 0.70 (0.37 to 1.35) | 0.29 |
| | 16 to 18 November 2020 (wave 33) | 99 (77.3) | 29 (22.7) | 1.14 (0.65 to 2.02) | 0.65 | 1.04 (0.54 to 1.99) | 0.92 |
| | 23 to 25 November 2020 (wave 34) | 88 (79.3) | 23 (20.7) | 1.03 (0.57 to 1.87) | 0.92 | 0.75 (0.38 to 1.46) | 0.40 |
| | 30 November to 2 December 2020 (wave 35) | 103 (88.0) | 14 (12.0) | 0.56 (0.29 to 1.10) | 0.09 | 0.39 (0.18 to 0.85) | 0.02 |
| | 7 to 9 December 2020 (wave 36) | 58 (65.9) | 30 (34.1) | 1.97 (1.10 to 3.53) | 0.02 | 1.59 (0.81 to 3.10) | 0.17 |
| | 14 to 16 December 2020 (wave 37) | 71 (79.8) | 18 (20.2) | 1.06 (0.56 to 2.02) | 0.85 | 0.79 (0.39 to 1.58) | 0.50 |
| | 21 to 23 December 2020 (wave 38) | 69 (77.5) | 20 (22.5) | 1.09 (0.57 to 2.09) | 0.79 | 1.06 (0.52 to 2.17) | 0.86 |
| | 28 to 30 December 2020 (wave 39) | 66 (77.6) | 19 (22.4) | 1.11 (0.57 to 2.15) | 0.76 | 0.82 (0.39 to 1.71) | 0.60 |
| | 4 to 6 January 2021 (wave 40) | 72 (67.9) | 34 (32.1) | 1.83 (1.04 to 3.23) | 0.04 | 1.76 (0.93 to 3.34) | 0.08 |
| | 11 to 13 January 2021 (wave 41) | 57 (71.3) | 23 (28.8) | 1.56 (0.83 to 2.93) | 0.17 | 1.14 (0.56 to 2.29) | 0.72 |
| | 25 to 27 January 2021 (wave 42) | 57 (68.7) | 26 (31.3) | 1.65 (0.89 to 3.09) | 0.11 | 1.70 (0.85 to 3.40) | 0.13 |
| Region | East Midlands | 187 (79.6) | 48 (20.4) | Reference | - | Reference | - |

| | | | | | | |
|--------------------------|------------|-----------|---------------------|------|---------------------|------|
| East of England | 219 (80.2) | 54 (19.8) | 1.02 (0.66 to 1.60) | 0.92 | 1.09 (0.66 to 1.81) | 0.73 |
| London | 621 (87.1) | 92 (12.9) | 0.60 (0.40 to 0.89) | 0.01 | 0.93 (0.59 to 1.46) | 0.74 |
| North East | 109 (74.7) | 37 (25.3) | 1.45 (0.88 to 2.38) | 0.15 | 1.48 (0.83 to 2.65) | 0.19 |
| North West | 335 (82.1) | 73 (17.9) | 0.89 (0.59 to 1.34) | 0.57 | 1.04 (0.66 to 1.64) | 0.86 |
| Northern Ireland | 37 (90.2) | 4 (9.8) | 0.46 (0.16 to 1.37) | 0.16 | 0.32 (0.09 to 1.17) | 0.08 |
| Scotland | 169 (74.4) | 58 (25.6) | 1.41 (0.90 to 2.20) | 0.13 | 1.33 (0.79 to 2.22) | 0.28 |
| South East | 272 (73.3) | 99 (26.7) | 1.49 (1.00 to 2.21) | 0.05 | 1.58 (1.00 to 2.51) | 0.05 |
| South West | 179 (76.8) | 54 (23.2) | 1.18 (0.75 to 1.85) | 0.47 | 1.33 (0.80 to 2.23) | 0.27 |
| Wales | 96 (72.2) | 37 (27.8) | 1.64 (0.99 to 2.72) | 0.06 | 1.87 (1.06 to 3.3) | 0.03 |
| West Midlands | 291 (80.8) | 69 (19.2) | 0.97 (0.64 to 1.47) | 0.88 | 1.30 (0.81 to 2.09) | 0.28 |
| Yorkshire and the Humber | 254 (80.1) | 63 (19.9) | 0.94 (0.61 to 1.45) | 0.78 | 0.99 (0.61 to 1.62) | 0.98 |

* Wave 31 data were excluded from analyses, therefore these data are not included in the totals in the column headers.

† Adjusting for survey wave, region, sex, age (raw and quadratic term), dependent child in the household, being clinically vulnerable to covid-19, having a household member with a chronic illness, employment status, socioeconomic grade, index of multiple deprivation, highest educational or professional qualification, ethnicity, and living alone.

Table 3. Full self-isolation after developing symptoms of covid-19 accounting for duration of isolation and associations with survey wave and region. Bolding indicates findings significant at a $p < 0.001$.

| Participant characteristics | Level | Did not fully self-isolate n=648 | Fully self-isolated n=455 | Odds ratio (95% CI) for fully self-isolating | p-value | Adjusted odds ratio (95% CI) for fully self-isolating † | p-value |
|-----------------------------|--|----------------------------------|---------------------------|--|---------|---|---------|
| Survey wave | 26 to 28 October 2020 (wave 31)* | 50 (45.5) | 60 (54.5) | Reference | - | - | - |
| | 9 to 11 November 2020 (wave 32) | 79 (62.2) | 48 (37.8) | 0.50 (0.30 to 0.84) | 0.09 | Reference | - |
| | 16 to 18 November 2020 (wave 33) | 71 (55.5) | 57 (44.5) | 0.67 (0.41 to 1.11) | 0.12 | 1.31 (0.77 to 2.22) | 0.32 |
| | 23 to 25 November 2020 (wave 34) | 65 (58.6) | 46 (41.4) | 0.59 (0.35 to 1.00) | 0.05 | 1.14 (0.66 to 2.00) | 0.64 |
| | 30 November to 2 December 2020 (wave 35) | 74 (63.2) | 43 (36.8) | 0.49 (0.29 to 0.83) | 0.008 | 0.89 (0.50 to 1.57) | 0.69 |
| | 7 to 9 December 2020 (wave 36) | 45 (51.1) | 43 (48.9) | 0.80 (0.47 to 1.36) | 0.40 | 1.47 (0.82 to 2.63) | 0.20 |
| | 14 to 16 December 2020 (wave 37) | 59 (66.3) | 30 (33.7) | 0.46 (0.25 to 0.83) | 0.01 | 0.75 (0.42 to 1.35) | 0.34 |
| | 21 to 23 December 2020 (wave 38) | 60 (67.4) | 29 (32.6) | 0.41 (0.23 to 0.72) | 0.002 | 0.68 (0.37 to 1.24) | 0.21 |
| | 28 to 30 December 2020 (wave 39) | 50 (58.8) | 35 (41.2) | 0.58 (0.33 to 1.02) | 0.06 | 1.02 (0.56 to 1.87) | 0.95 |
| | 4 to 6 January 2021 (wave 40) | 56 (52.8) | 50 (47.2) | 0.73 (0.43 to 1.25) | 0.25 | 1.44 (0.83 to 2.51) | 0.20 |
| | 11 to 13 January 2021 (wave 41) | 49 (61.3) | 31 (38.8) | 0.55 (0.31 to 0.99) | 0.05 | 0.93 (0.52 to 1.68) | 0.81 |
| | 25 to 27 January 2021 (wave 42) | 40 (48.2) | 43 (51.8) | 0.84 (0.48 to 1.44) | 0.52 | 1.80 (1.01 to 3.19) | 0.05 |
| Region | East Midlands | 40 (52.6) | 36 (47.4) | Reference | - | Reference | - |
| | East of England | 52 (58.4) | 37 (41.6) | 0.81 (0.43 to 1.50) | 0.50 | 0.85 (0.43 to 1.65) | 0.62 |
| | London | 136 (62.4) | 82 (37.6) | 0.67 (0.39 to 1.15) | 0.15 | 0.82 (0.46 to 1.48) | 0.51 |
| | North (East and West) | 103 (57.2) | 77 (42.8) | 0.86 (0.50 to 1.48) | 0.58 | 1.06 (0.59 to 1.90) | 0.85 |
| | Northern Ireland / Scotland / Wales | 74 (57.8) | 54 (42.2) | 0.84 (0.47 to 1.50) | 0.56 | 0.90 (0.48 to 1.68) | 0.74 |
| | South East | 71 (58.2) | 51 (41.8) | 0.81 (0.45 to 1.45) | 0.48 | 0.98 (0.52 to 1.87) | 0.96 |
| | South West | 51 (59.3) | 35 (40.7) | 0.81 (0.43 to 1.53) | 0.51 | 0.83 (0.42 to 1.63) | 0.59 |
| | West Midlands | 59 (57.8) | 43 (42.2) | 0.83 (0.46 to 1.52) | 0.55 | 0.87 (0.45 to 1.66) | 0.67 |
| | Yorkshire and the Humber | 62 (60.8) | 40 (39.2) | 0.72 (0.40 to 1.33) | 0.30 | 0.74 (0.39 to 1.43) | 0.37 |

* Wave 31 data were excluded from analyses, therefore these data are not included in the totals in the column headers.

† Adjusting for survey wave, region, sex, age (raw and quadratic term), dependent child in the household, being clinically vulnerable to covid-19, having a household member with a chronic illness, employment status, socioeconomic grade, index of multiple deprivation, highest educational or professional qualification, ethnicity, and living alone.

Table 4. Requesting a test after developing symptoms of covid-19 and associations with survey wave and region. Bolding indicates findings significant at a $p < 0.001$.

| Participant characteristics | Level | Did not request a test n=2,433 | Requested a test n=525 | Odds ratio (95% CI) for requesting a test | p-value | Adjusted odds ratio (95% CI) for requesting a test † | p-value |
|-----------------------------|---|-----------------------------------|---------------------------|--|------------------|--|------------------|
| Survey wave | 26 to 27 May 2020 (wave 18) | 162 (92.0) | 14 (8.0) | Reference | - | Reference | - |
| | 1 to 3 June 2020 (wave 19) | 126 (86.9) | 19 (13.1) | 1.75 (0.85 to 3.60) | 0.13 | 1.72 (0.83 to 3.56) | 0.14 |
| | 8 to 10 June 2020 (wave 20) | 120 (87.6) | 17 (12.4) | 1.64 (0.78 to 3.43) | 0.19 | 1.36 (0.63 to 2.96) | 0.44 |
| | 15 to 17 June 2020 (wave 21) | 111 (86.7) | 17 (13.3) | 1.81 (0.86 to 3.77) | 0.12 | 2.06 (0.98 to 4.36) | 0.06 |
| | 22 to 24 June 2020 (wave 22) | 116 (87.2) | 17 (12.8) | 1.75 (0.85 to 3.64) | 0.13 | 1.78 (0.86 to 3.70) | 0.12 |
| | 29 June to 1 July 2020 (wave 23) | 107 (90.7) | 11 (9.3) | 1.23 (0.55 to 2.74) | 0.62 | 1.21 (0.54 to 2.73) | 0.64 |
| | 6 to 8 July 2020 (wave 24) | 107 (89.9) | 12 (10.1) | 1.31 (0.59 to 2.92) | 0.51 | 1.40 (0.62 to 3.17) | 0.42 |
| | 20 to 22 July 2020 (wave 25) | 106 (80.3) | 26 (19.7) | 2.83 (1.41 to 5.64) | 0.003 | 2.55 (1.26 to 5.17) | 0.009 |
| | 3 to 5 August 2020 (wave 26) | 100 (90.9) | 10 (9.1) | 1.18 (0.51 to 2.72) | 0.71 | 1.15 (0.48 to 2.74) | 0.76 |
| | 1 to 2 September 2020 (wave 27) | 117 (87.3) | 17 (12.7) | 1.66 (0.79 to 3.50) | 0.18 | 1.61 (0.75 to 3.46) | 0.23 |
| | 14 to 16 September 2020 (wave 28) | 102 (79.1) | 27 (20.9) | 3.07 (1.54 to 6.10) | 0.001 | 2.99 (1.50 to 5.98) | 0.002 |
| | 28 to 30 September 2020 (wave 29) | 92 (80.0) | 23 (20.0) | 2.86 (1.41 to 5.81) | 0.004 | 2.83 (1.38 to 5.81) | 0.005 |
| | 12 to 14 October 2020 (wave 30) | 80 (74.1) | 28 (25.9) | 4.11 (2.07 to 8.18) | <0.001 | 3.70 (1.83 to 7.50) | <0.001 |
| | 26 to 28 October 2020 (wave 31)* | 83 (75.5) | 27 (24.5) | 3.78 (1.88 to 7.56) | <0.001 | - | - |
| | 9 to 11 November 2020 (wave 32) | 103 (81.1) | 24 (18.9) | 2.69 (1.33 to 5.42) | 0.006 | 2.55 (1.26 to 5.19) | 0.01 |
| | 16 to 18 November 2020 (wave 33) | 103 (79.8) | 26 (20.2) | 2.92 (1.46 to 5.83) | 0.002 | 2.95 (1.45 to 5.98) | 0.003 |
| | 23 to 25 November 2020 (wave 34) | 89 (79.5) | 23 (20.5) | 2.95 (1.45 to 6.00) | 0.003 | 2.79 (1.35 to 5.79) | 0.006 |
| | 30 November to 2 December 2020 (wave 35) | 97 (82.2) | 21 (17.8) | 2.49 (1.21 to 5.10) | 0.01 | 2.49 (1.20 to 5.14) | 0.01 |
| | 7 to 9 December 2020 (wave 36) | 88 (78.6) | 24 (21.4) | 3.17 (1.57 to 6.40) | 0.001 | 3.07 (1.51 to 6.22) | 0.002 |
| | 14 to 16 December 2020 (wave 37) | 80 (72.7) | 30 (27.3) | 4.36 (2.20 to 8.64) | <0.001 | 4.23 (2.12 to 8.44) | <0.001 |
| | 21 to 23 December 2020 (wave 38) | 90 (78.3) | 25 (21.7) | 3.18 (1.58 to 6.41) | 0.001 | 3.06 (1.48 to 6.33) | 0.003 |
| | 28 to 30 December 2020 (wave 39) | 81 (77.9) | 23 (22.1) | 3.28 (1.61 to 6.70) | 0.001 | 2.58 (1.20 to 5.52) | 0.01 |
| | 4 to 6 January 2021 (wave 40) | 79 (65.8) | 41 (34.2) | 6.00 (3.10 to 11.62) | <0.001 | 5.71 (2.87 to 11.35) | <0.001 |
| | 11 to 13 January 2021 (wave 41) | 86 (78.2) | 24 (21.8) | 3.23 (1.60 to 6.54) | 0.001 | 3.13 (1.54 to 6.39) | 0.002 |
| | 25 to 27 January 2021 (wave 42) | 91 (77.8) | 26 (22.2) | 3.33 (1.67 to 6.65) | 0.001 | 3.17 (1.55 to 6.47) | 0.002 |
| Region | East Midlands | 165 (79.7) | 42 (20.3) | Reference | - | Reference | - |
| | East of England | 194 (81.2) | 45 (18.8) | 0.94 (0.59 to 1.52) | 0.81 | 0.92 (0.56 to 1.51) | 0.75 |
| | London | 512 (83.8) | 99 (16.2) | 0.76 (0.51 to 1.14) | 0.18 | 0.84 (0.54 to 1.29) | 0.42 |
| | North East | 104 (80.0) | 26 (20.0) | 0.97 (0.56 to 1.69) | 0.91 | 0.95 (0.54 to 1.68) | 0.86 |
| | North West | 265 (79.8) | 67 (20.2) | 1.00 (0.64 to 1.54) | 0.98 | 1.04 (0.65 to 1.67) | 0.86 |
| | Northern Ireland | 33 (91.7) | 3 (8.3) | 0.36 (0.10 to 1.25) | 0.11 | 0.39 (0.11 to 1.35) | 0.14 |
| | Scotland | 171 (85.1) | 30 (14.9) | 0.67 (0.40 to 1.13) | 0.13 | 0.71 (0.41 to 1.24) | 0.23 |
| | South East | 259 (79.4) | 67 (20.6) | 1.01 (0.66 to 1.57) | 0.95 | 1.07 (0.67 to 1.71) | 0.78 |

| | | | | | | |
|--------------------------|------------|-----------|---------------------|------|---------------------|------|
| South West | 173 (84.0) | 33 (16.0) | 0.75 (0.45 to 1.25) | 0.27 | 0.80 (0.47 to 1.36) | 0.41 |
| Wales | 90 (79.6) | 23 (20.4) | 1.00 (0.56 to 1.76) | 0.99 | 1.01 (0.55 to 1.84) | 0.98 |
| West Midlands | 240 (83.3) | 48 (16.7) | 0.76 (0.48 to 1.21) | 0.25 | 0.86 (0.53 to 1.41) | 0.56 |
| Yorkshire and the Humber | 227 (84.4) | 42 (15.6) | 0.72 (0.45 to 1.17) | 0.18 | 0.70 (0.42 to 1.16) | 0.17 |

* Wave 31 data were excluded from analyses, therefore these data are not included in the totals in the column headers.

† Adjusting for survey wave, region, sex, age (raw and quadratic term), dependent child in the household, being clinically vulnerable to covid-19, having a household member with a chronic illness, employment status, socioeconomic grade, index of multiple deprivation, highest educational or professional qualification, ethnicity, and living alone.

Table 5. Intention to share details of your close contacts with the NHS contact tracing service and associations with survey wave and region.

Bolding indicates findings significant at a $p < 0.001$.

| Participant characteristics | Level | Probably or definitely would not share details of close contacts or not sure n=9,195 | Probably or definitely would share details of close contacts n=34,552 | Odds ratio (95% CI) for sharing details of close contacts | p-value | Adjusted odds ratio (95% CI) for sharing details of close contacts † | p-value |
|-----------------------------|--|--|---|---|------------------|--|------------------|
| Survey wave | 1 to 3 June 2020 (wave 19) | 453 (24.5) | 1,396 (75.5) | Reference | - | Reference | - |
| | 8 to 10 June 2020 (wave 20) | 446 (24.0) | 1,413 (76.0) | 0.94 (0.82 to 1.08) | 0.41 | 1.02 (0.87 to 1.18) | 0.84 |
| | 15 to 17 June 2020 (wave 21) | 471 (25.2) | 1,399 (74.8) | 0.90 (0.79 to 1.03) | 0.12 | 0.97 (0.84 to 1.12) | 0.64 |
| | 22 to 24 June 2020 (wave 22) | 474 (25.3) | 1,396 (74.7) | 0.85 (0.74 to 0.97) | 0.02 | 0.90 (0.78 to 1.04) | 0.17 |
| | 29 June to 1 July 2020 (wave 23) | 437 (23.3) | 1,442 (76.7) | 0.98 (0.86 to 1.13) | 0.81 | 1.04 (0.90 to 1.21) | 0.60 |
| | 6 to 8 July 2020 (wave 24) | 453 (24.0) | 1,431 (76.0) | 0.91 (0.79 to 1.04) | 0.17 | 0.97 (0.84 to 1.13) | 0.70 |
| | 20 to 22 July 2020 (wave 25) | 452 (24.0) | 1,430 (76.0) | 0.95 (0.83 to 1.09) | 0.46 | 1.04 (0.90 to 1.20) | 0.61 |
| | 3 to 5 August 2020 (wave 26) | 392 (20.8) | 1,497 (79.2) | 1.08 (0.93 to 1.24) | 0.31 | 1.18 (1.01 to 1.38) | 0.04 |
| | 1 to 2 September 2020 (wave 27) | 386 (20.5) | 1,498 (79.5) | 1.13 (0.97 to 1.31) | 0.12 | 1.26 (1.08 to 1.48) | 0.004 |
| | 14 to 16 September 2020 (wave 28) | 363 (19.3) | 1,521 (80.7) | 1.17 (1.01 to 1.35) | 0.04 | 1.30 (1.11 to 1.52) | 0.001 |
| | 28 to 30 September 2020 (wave 29) | 388 (20.2) | 1,533 (79.8) | 1.08 (0.94 to 1.25) | 0.26 | 1.17 (1.01 to 1.36) | 0.04 |
| | 12 to 14 October 2020 (wave 30) | 366 (18.6) | 1,598 (81.4) | 1.23 (1.06 to 1.42) | 0.007 | 1.31 (1.12 to 1.53) | 0.001 |
| | 26 to 28 October 2020 (wave 31)* | 340 (17.6) | 1,593 (82.4) | 1.25 (1.08 to 1.44) | 0.003 | - | - |
| | 9 to 11 November 2020 (wave 32) | 375 (19.7) | 1,527 (80.3) | 1.11 (0.97 to 1.29) | 0.14 | 1.18 (1.02 to 1.37) | 0.03 |
| | 16 to 18 November 2020 (wave 33) | 411 (21.3) | 1,519 (78.7) | 1.05 (0.91 to 1.21) | 0.54 | 1.14 (0.98 to 1.33) | 0.08 |
| | 23 to 25 November 2020 (wave 34) | 337 (17.6) | 1,576 (82.4) | 1.28 (1.11 to 1.49) | 0.001 | 1.37 (1.17 to 1.60) | <0.001 |
| | 30 November to 2 December 2020 (wave 35) | 380 (19.7) | 1,552 (80.3) | 1.14 (0.99 to 1.32) | 0.08 | 1.28 (1.10 to 1.50) | 0.002 |
| | 7 to 9 December 2020 (wave 36) | 399 (20.0) | 1,594 (80.0) | 1.11 (0.96 to 1.27) | 0.16 | 1.18 (1.01 to 1.37) | 0.03 |
| | 14 to 16 December 2020 (wave 37) | 405 (21.2) | 1,506 (78.8) | 1.03 (0.89 to 1.18) | 0.70 | 1.12 (0.96 to 1.30) | 0.15 |
| | 21 to 23 December 2020 (wave 38) | 366 (19.3) | 1,534 (80.7) | 1.13 (0.98 to 1.30) | 0.10 | 1.23 (1.06 to 1.44) | 0.008 |
| | 28 to 30 December 2020 (wave 39) | 375 (19.5) | 1,549 (80.5) | 1.13 (0.98 to 1.31) | 0.09 | 1.24 (1.06 to 1.45) | 0.007 |
| | 4 to 6 January 2021 (wave 40) | 357 (18.6) | 1,565 (81.4) | 1.19 (1.03 to 1.37) | 0.02 | 1.26 (1.08 to 1.47) | 0.004 |
| | 11 to 13 January 2021 (wave 41) | 366 (19.3) | 1,529 (80.7) | 1.14 (0.98 to 1.32) | 0.08 | 1.23 (1.05 to 1.44) | 0.009 |
| | 25 to 27 January 2021 (wave 42) | 343 (18.1) | 1,547 (81.9) | 1.22 (1.05 to 1.41) | 0.008 | 1.29 (1.10 to 1.51) | 0.002 |
| Region | East Midlands | 719 (20.7) | 2,760 (79.3) | Reference | - | Reference | - |
| | East of England | 866 (20.3) | 3,396 (79.7) | 1.10 (0.97 to 1.24) | 0.13 | 0.98 (0.86 to 1.11) | 0.75 |
| | London | 1,281 (24.9) | 3,854 (75.1) | 0.86 (0.76 to 0.96) | 0.008 | 0.95 (0.84 to 1.08) | 0.42 |
| | North East | 382 (19.3) | 1,594 (80.7) | 1.18 (1.01 to 1.38) | 0.03 | 1.14 (0.97 to 1.34) | 0.11 |
| | North West | 1,090 (22.1) | 3,838 (77.9) | 1.00 (0.89 to 1.12) | 0.95 | 0.96 (0.85 to 1.08) | 0.50 |
| | Northern Ireland | 182 (22.5) | 626 (77.5) | 1.00 (0.81 to 1.23) | 0.97 | 0.98 (0.79 to 1.21) | 0.83 |
| | Scotland | 633 (18.4) | 2,802 (81.6) | 1.27 (1.11 to 1.44) | <0.001 | 1.18 (1.03 to 1.35) | 0.02 |
| | South East | 1,171 (20.0) | 4,685 (80.0) | 1.13 (1.00 to 1.26) | 0.04 | 0.99 (0.88 to 1.12) | 0.90 |

| | | | | | | |
|--------------------------|------------|--------------|---------------------|-------|---------------------|------|
| South West | 728 (19.1) | 3,080 (80.9) | 1.17 (1.03 to 1.33) | 0.01 | 1.04 (0.91 to 1.19) | 0.53 |
| Wales | 391 (18.0) | 1,782 (82.0) | 1.28 (1.10 to 1.48) | 0.001 | 1.17 (1.00 to 1.37) | 0.05 |
| West Midlands | 906 (23.4) | 2,969 (76.6) | 0.92 (0.81 to 1.04) | 0.17 | 0.92 (0.81 to 1.04) | 0.19 |
| Yorkshire and the Humber | 846 (21.1) | 3,166 (78.9) | 1.06 (0.94 to 1.20) | 0.32 | 1.03 (0.9 to 1.17) | 0.70 |

* Wave 31 data were excluded from analyses, therefore these data are not included in the totals in the column headers.

† Adjusting for survey wave, region, sex, age (raw and quadratic term), dependent child in the household, being clinically vulnerable to covid-19, having a household member with a chronic illness, employment status, socioeconomic grade, index of multiple deprivation, highest educational or professional qualification, ethnicity, and living alone.

Supplementary materials. Associations between personal and clinical characteristics and fully self-isolating after developing symptoms of covid-19. Bolding indicates findings significant at a $p<0.001$.

| Participant characteristics | Level | Did not fully self-isolate n=2,769 | Fully self-isolated n=688 | Odds ratio (95% CI) for fully self-isolating | p-value | Adjusted odds ratio (95% CI) for fully self-isolating † | p-value |
|---|--|------------------------------------|---------------------------|--|------------------|---|------------------|
| Survey wave | Overall | - | - | $\chi^2(30)=66.8$ | <0.001 | $\chi^2(29)=56.7$ | 0.002 |
| Region | Overall | - | - | $\chi^2(11)=48.5$ | <0.001 | $\chi^2(11)=21.4$ | 0.03 |
| Sex | Male | 1,618 (83.9) | 311 (16.1) | Reference | - | Reference | - |
| | Female | 1,143 (75.5) | 371 (24.5) | 1.74 (1.47 to 2.07) | <0.001 | 1.92 (1.58 to 2.33) | <0.001 |
| Age (per decade) | Raw age | Mean 34.8 (SD 13.6) | Mean 42.3 (SD 17.0) | 1.38 (1.30 to 1.46) | <0.001 | 1.27 (1.18 to 1.36) | <0.001 |
| Age: quadratic (age-mean) ² | - | - | - | - | - | 0.9998 (0.9994 to 1.0001) | 0.18 |
| Dependent child in household | No | 1,034 (72.4) | 395 (27.6) | Reference | - | Reference | - |
| | Yes | 1,735 (85.6) | 293 (14.4) | 0.46 (0.39 to 0.55) | <0.001 | 0.61 (0.49 to 0.75) | <0.001 |
| Clinically vulnerable to covid-19 | No | 1,927 (80.2) | 475 (19.8) | Reference | - | Reference | - |
| | Yes | 785 (79.9) | 197 (20.1) | 1.01 (0.84 to 1.22) | 0.90 | 0.84 (0.68 to 1.03) | 0.10 |
| Household member has chronic illness | No | 2126 (79.2) | 560 (20.8) | Reference | - | Reference | - |
| | Yes | 586 (84.0) | 112 (16.0) | 0.69 (0.55 to 0.87) | 0.001 | 0.72 (0.56 to 0.94) | 0.01 |
| Employed | No | 814 (73.9) | 288 (26.1) | Reference | - | Reference | - |
| | Yes | 1,920 (83.3) | 384 (16.7) | 0.59 (0.50 to 0.71) | <0.001 | 0.76 (0.62 to 0.94) | 0.01 |
| Socioeconomic grade | ABC1 (high) | 1,394 (76.1) | 437 (23.9) | Reference | - | Reference | - |
| | C2DE | 1,344 (85.1) | 235 (14.9) | 0.57 (0.48 to 0.68) | <0.001 | 0.66 (0.54 to 0.81) | <0.001 |
| Index of multiple deprivation fourth | 1 st (least deprived) | 371 (78.6) | 101 (21.4) | 1.22 (0.93 to 1.59) | 0.15 | 0.95 (0.69 to 1.31) | 0.76 |
| | 2 nd | 507 (76.6) | 155 (23.4) | 1.37 (1.08 to 1.73) | 0.009 | 1.08 (0.83 to 1.42) | 0.55 |
| | 3 rd | 802 (81.3) | 185 (18.7) | 1.06 (0.86 to 1.32) | 0.57 | 0.97 (0.76 to 1.24) | 0.83 |
| | 4 th (most deprived) | 1,089 (81.5) | 247 (18.5) | Reference | - | Reference | - |
| | Overall | - | - | $\chi^2(3)=7.8$ | 0.05 | $\chi^2(3)=0.8$ | 0.85 |
| Highest educational or professional qualification | GCSE, vocational, A-level, or no formal qualifications | 1,385 (75.6) | 448 (24.4) | Reference | - | Reference | - |
| | Degree or higher (bachelors, masters, or PhD) | 1,384 (85.2) | 240 (14.8) | 0.54 (0.45 to 0.65) | <0.001 | 0.63 (0.52 to 0.77) | <0.001 |
| Ethnicity | White British | 1,841 (78.0) | 518 (22.0) | Reference | - | Reference | - |
| | White other | 463 (88.2) | 62 (11.8) | 0.45 (0.34 to 0.60) | <0.001 | 0.64 (0.46 to 0.89) | 0.007 |
| | Black and minority ethnicity | 455 (81.8) | 101 (18.2) | 0.78 (0.61 to 0.99) | 0.04 | 1.06 (0.80 to 1.40) | 0.68 |
| | Overall | - | - | $\chi^2(2)=32.0$ | <0.001 | $\chi^2(2)=8.1$ | 0.02 |

| | | | | | | | |
|---|--|-----------------------------|--------------------------|----------------------------|------------------|----------------------------|------------------|
| Live alone | No | 2,336 (80.7) | 558 (19.3) | Reference | - | Reference | - |
| | Yes | 433 (76.9) | 130 (23.1) | 1.22 (0.98 to 1.52) | 0.07 | 0.89 (0.69 to 1.15) | 0.38 |
| Work in key sector | No | 417 (71.0) | 170 (29.0) | Reference | - | Reference | - |
| | Yes | 1,755 (86.7) | 270 (13.3) | 0.39 (0.31 to 0.48) | <0.001 | 0.50 (0.39 to 0.66) | <0.001 |
| Self-employed‡ | No | 1,729 (82.6) | 363 (17.4) | Reference | - | Reference | - |
| | Yes | 191 (90.1) | 21 (9.9) | 0.52 (0.33 to 0.82) | 0.004 | 0.67 (0.39 to 1.16) | 0.15 |
| Marital status | Single, separated, divorced, or widowed | 1,152 (79.2) | 302 (20.8) | Reference | - | Reference | - |
| | Married or partnered | 1,500 (80.0) | 374 (20.0) | 0.98 (0.83 to 1.16) | 0.83 | 0.97 (0.79 to 1.20) | 0.80 |
| Ever had covid-19 | Think not | 1,428 (74.7) | 483 (25.3) | Reference | - | Reference | - |
| | Think so, or confirmed | 1,341 (86.7) | 205 (13.3) | 0.48 (0.40 to 0.57) | <0.001 | 0.58 (0.47 to 0.71) | <0.001 |
| Attribute current symptoms to covid-19§ | No | 1,402 (80.5) | 340 (19.5) | Reference | - | Reference | - |
| | Yes | 429 (79.7) | 109 (20.3) | 1.10 (0.87 to 1.39) | 0.42 | 1.35 (1.03 to 1.76) | 0.03 |
| Hardship‖ | Range 3 (least hardship) to 15 (most hardship) | n=2,430; mean 10.4 (SD 2.6) | n=594; mean 9.4 (SD 2.9) | 0.87 (0.84 to 0.90) | <0.001 | 0.91 (0.87 to 0.94) | <0.001 |

Abbreviations: N=number; M=mean; SD=standard deviation; CI=confidence intervals.

For continuous variables, odds ratios represent a one-unit increase in the explanatory variable, apart from for age, where odds ratios represent a 10 year increase in age.

† Adjusting for survey wave, region, sex, age (raw and quadratic term), dependent child in the household, being clinically vulnerable to covid-19, having a household member with a chronic illness, employment status, socioeconomic grade, index of multiple deprivation, highest educational or professional qualification, ethnicity, and living alone.

‡ Not adjusting for employment status as by definition all people asked whether they were self-employed were working. Due to a cell count of zero for self-employment by region (Northern Ireland), in the multivariable analysis we grouped together participants in Scotland, Wales and Northern Ireland and the North East and North West into single groups.

§ Item added to survey in wave 21 (15 June 2020)

‖ Items added to survey in wave 14 (27 April 2020)

Supplementary materials. Self-reported reasons for not adhering to test, trace and isolate behaviours.

Self-isolation in those not adherent to duration adjusted self-isolation, excluding those who tested negative (n=698)

| Self-reported reasons for having left home since having developed symptoms (participants could select multiple response options) | n | % |
|---|-----|------|
| To go to the shops, for groceries/pharmacy | 150 | 21.5 |
| To go out to work | 110 | 15.8 |
| To go to the shops, for things other than groceries/pharmacy | 109 | 15.6 |
| My symptoms did not persist / were temporary | 106 | 15.2 |
| For a medical need (other than coronavirus) | 105 | 15.0 |
| To go for a walk or some other exercise | 103 | 14.8 |
| My symptoms were only mild | 101 | 14.5 |
| My symptoms got better | 97 | 13.9 |
| I don't think it is necessary for me to stay at home | 92 | 13.2 |
| I was too bored | 85 | 12.2 |
| To help or provide care for a vulnerable person | 83 | 11.9 |
| To meet up with friends and/or family | 79 | 11.3 |
| I was too depressed or anxious | 78 | 11.2 |
| I didn't think it was that risky* | 49 | 9.8 |
| I was too lonely | 68 | 9.7 |
| My symptoms got worse | 59 | 8.5 |
| To get or return a test for coronavirus† | 32 | 7.6 |

* Item added on 23 November 2020 (wave 34); baseline n=498.

† Item added on 23 November 2020 (wave 34); baseline n=421. Different baseline n due to exclusion of those who tested negative.

Requesting a test (n=2,230).

| Self-reported reasons for not requesting a test to confirm whether you had coronavirus (participants could select multiple response options) | n | % |
|--|-----|------|
| I didn't think my symptoms were due to coronavirus | 467 | 20.9 |
| My symptoms improved* | 196 | 16.9 |
| My symptoms were only mild* | 189 | 16.3 |
| My symptoms were only mild or improved § | 144 | 13.5 |
| I hadn't been in contact with anyone who had coronavirus recently | 291 | 13.0 |
| I thought I only needed to self-isolate (not leaving the home at all) | 256 | 11.5 |
| I didn't want to use a test that could have gone to someone else who needed it more | 247 | 11.1 |
| I didn't think I was eligible to get a test | 245 | 11.0 |
| I was worried about how colleagues/my employer would react if I tested positive † | 188 | 10.0 |
| I didn't know how to request a test | 208 | 9.3 |
| I was sure I had coronavirus, so I didn't see a reason to take a test | 206 | 9.2 |
| I have already had coronavirus, so didn't see a reason to take a test | 198 | 8.9 |
| I was worried what friends or family would think about me if I tested positive† | 158 | 8.4 |
| I thought it would take too long to get a test result § | 86 | 8.0 |
| I thought the test would be uncomfortable or painful | 171 | 7.7 |
| I didn't think tests were available near me ‡ | 96 | 7.7 |
| I didn't think the test would be accurate | 169 | 7.6 |
| I didn't want to know the results of a test | 168 | 7.5 |
| I didn't want to have a coronavirus test result on my medical record § | 77 | 7.2 |
| I didn't want to have to ask the people who I live or who I have met with to self-isolate § | 74 | 6.9 |
| I didn't know what the test involved | 151 | 6.8 |
| I didn't want to have to self-isolate § | 70 | 6.5 |
| I didn't want to increase the case numbers in my local area because this leads to tighter restrictions § | 70 | 6.5 |
| I didn't want the police or other public bodies to be notified § | 64 | 6.0 |
| I was worried that I might get fined § | 59 | 5.5 |

* Items last included on 14 October 2020 (wave 30); baseline n=1,160.

† Items added on 29 June 2020 (wave 23); baseline n=1,882.

‡ Item added on 28 September (wave 29); baseline n=1,242.

§ Items added on 26 October 2020 (wave 31); baseline n=1,070.

Intention to share details of close contacts (n=45,720)

| Self-reported reasons that would stop you passing details of your recent close contacts to the NHS (participants could select multiple response options) | n | % |
|--|--------|------|
| I don't know if the data will be secure and confidential | 6,674 | 14.6 |
| I don't think the contact tracing system is accurate and reliable | 6,355 | 13.9 |
| I don't know what will happen to the data | 5,929 | 13.0 |
| It would cause stress to my contacts | 3,409 | 7.5 |
| It would cause inconvenience to my contacts | 2,766 | 6.0 |
| It would cause loss of income to my contacts | 2,431 | 5.3 |
| I don't want to be responsible of other people being told to self-isolate | 2,163 | 4.7 |
| My contacts would be angry | 2,083 | 4.6 |
| I am worried about being found out by my contacts | 1,571 | 3.4 |
| None of the above, I would share details of recent close contacts with the NHS if asked to do so (single code) | 29,102 | 63.6 |

Supplementary materials. Associations between personal and clinical characteristics and requesting a test after developing symptoms of covid-19. Bolding indicates findings significant at a $p<0.001$.

| Participant characteristics | Level | Did not request a test n=2,433 | Requested a test n=525 | Odds ratio (95% CI) for requesting a test | p-value | Adjusted odds ratio (95% CI) for requesting a test † | p-value |
|---|--|-----------------------------------|---------------------------|--|------------------|--|------------------|
| Survey wave | Overall | - | - | $\chi^2(24)=79.9$ | <0.001 | $\chi^2(23)=66.6$ | <0.001 |
| Region | Overall | - | - | $\chi^2(11)=11.3$ | 0.42 | $\chi^2(11)=8.7$ | 0.65 |
| Sex | Male | 1,380 (85.0) | 243 (15.0) | Reference | - | Reference | - |
| | Female | 1,041 (78.8) | 280 (21.2) | 1.54 (1.27 to 1.87) | <0.001 | 1.47 (1.20 to 1.81) | <0.001 |
| Age (per decade) | Raw age | Mean 36.8 (SD 14.9) | Mean 36.4 (SD 13.6) | 0.99 (0.93 to 1.05) | 0.67 | 0.92 (0.83 to 1.02) | 0.11 |
| Age: quadratic (age-mean) ² | - | - | - | - | - | 0.9995 (0.999 to 1.000) | 0.05 |
| Dependent child in household | No | 1,023 (82.6) | 216 (17.4) | Reference | - | Reference | - |
| | Yes | 1,410 (82.0) | 309 (18.0) | 1.02 (0.84 to 1.23) | 0.86 | 0.98 (0.78 to 1.22) | 0.84 |
| Clinically vulnerable to covid-19 | No | 1,706 (82.3) | 367 (17.7) | Reference | - | Reference | - |
| | Yes | 678 (82.1) | 148 (17.9) | 1.02 (0.83 to 1.26) | 0.86 | 1.07 (0.85 to 1.34) | 0.58 |
| Household member has chronic illness | No | 1,888 (82.2) | 409 (17.8) | Reference | - | Reference | - |
| | Yes | 496 (82.4) | 106 (17.6) | 0.99 (0.78 to 1.25) | 0.93 | 1.14 (0.88 to 1.46) | 0.32 |
| Employed | No | 832 (84.2) | 156 (15.8) | Reference | - | Reference | - |
| | Yes | 1,563 (81.3) | 360 (18.7) | 1.22 (0.99 to 1.50) | 0.06 | 1.14 (0.89 to 1.46) | 0.30 |
| Socioeconomic grade | ABC1 (high) | 1,298 (81.7) | 291 (18.3) | Reference | - | Reference | - |
| | C2DE | 1,098 (83.1) | 223 (16.9) | 0.90 (0.74 to 1.09) | 0.28 | 0.90 (0.73 to 1.11) | 0.32 |
| Index of multiple deprivation fourth | 1 st (least deprived) | 336 (81.8) | 75 (18.2) | 1.13 (0.84 to 1.52) | 0.43 | 1.14 (0.82 to 1.59) | 0.44 |
| | 2 nd | 443 (80.1) | 110 (19.9) | 1.25 (0.96 to 1.63) | 0.10 | 1.21 (0.90 to 1.61) | 0.21 |
| | 3 rd | 712 (82.5) | 151 (17.5) | 1.07 (0.84 to 1.35) | 0.58 | 1.08 (0.84 to 1.40) | 0.55 |
| | 4 th (most deprived) | 942 (83.3) | 189 (16.7) | Reference | - | Reference | - |
| | Overall | - | - | $\chi^2(3)=2.8$ | 0.42 | $\chi^2(3)=1.7$ | 0.64 |
| Highest educational or professional qualification | GCSE, vocational, A-level, or no formal qualifications | 1,318 (81.8) | 294 (18.2) | Reference | - | Reference | - |
| | Degree or higher (bachelors, masters, or PhD) | 1,115 (82.8) | 231 (17.2) | 0.93 (0.77 to 1.12) | 0.43 | 1.02 (0.83 to 1.25) | 0.88 |
| Ethnicity | White British | 1,663 (81.7) | 373 (18.3) | Reference | - | Reference | - |
| | White other | 370 (86.9) | 56 (13.1) | 0.67 (0.49 to 0.91) | 0.01 | 0.72 (0.52 to 1.00) | 0.05 |
| | Black and minority ethnicity | 385 (80.2) | 95 (19.8) | 1.09 (0.85 to 1.4) | 0.51 | 1.04 (0.79 to 1.37) | 0.78 |
| | Overall | - | - | $\chi^2(2)=7.9$ | 0.02 | $\chi^2(2)=4.2$ | 0.12 |
| Live alone | No | 2043 (82.1) | 445 (17.9) | Reference | - | Reference | - |

| | | | | | | | |
|---|--|-----------------------------|--------------------------|----------------------------|------------------|----------------------------|------------------|
| | Yes | 390 (83.0) | 80 (17.0) | 0.95 (0.73 to 1.23) | 0.69 | 1.02 (0.75 to 1.38) | 0.90 |
| Work in key sector | No | 427 (82.8) | 89 (17.2) | Reference | - | Reference | - |
| | Yes | 1,365 (81.3) | 315 (18.8) | 1.12 (0.86 to 1.45) | 0.40 | 1.37 (1.03 to 1.82) | 0.03 |
| Self-employed | No | 1,425 (81.4) | 325 (18.6) | Reference | - | Reference | - |
| | Yes | 138 (79.8) | 35 (20.2) | 1.10 (0.74 to 1.63) | 0.65 | 1.18 (0.76 to 1.84) | 0.46 |
| Marital status | Single, separated, divorced, or widowed | 1,031 (84.0) | 196 (16.0) | Reference | - | Reference | - |
| | Married or partnered | 1,306 (80.8) | 311 (19.2) | 1.25 (1.03 to 1.53) | 0.02 | 1.19 (0.93 to 1.51) | 0.16 |
| Ever had covid-19 | Think not | 1,410 (82.9) | 291 (17.1) | Reference | - | Reference | - |
| | Think so, or confirmed | 1,023 (81.4) | 234 (18.6) | 1.10 (0.91 to 1.33) | 0.33 | 1.11 (0.90 to 1.37) | 0.31 |
| Attribute current symptoms to covid-19§ | No | 1,596 (83.3) | 320 (16.7) | Reference | - | Reference | - |
| | Yes | 429 (73.5) | 155 (26.5) | 1.78 (1.43 to 2.22) | <0.001 | 1.73 (1.37 to 2.19) | <0.001 |
| Hardship | Range 3 (least hardship) to 15 (most hardship) | n=2,310; mean 10.3 (SD 2.7) | n=507; mean 9.9 (SD 2.8) | 0.95 (0.91 to 0.98) | 0.003 | 0.93 (0.90 to 0.97) | 0.001 |

Abbreviations: N=number; M=mean; SD=standard deviation; CI=confidence intervals.

For continuous variables, odds ratios represent a one-unit increase in the explanatory variable, apart from for age, where odds ratios represent a 10 year increase in age.

† Adjusting for survey wave, region, sex, age (raw and quadratic term), dependent child in the household, being clinically vulnerable to covid-19, having a household member with a chronic illness, employment status, socioeconomic grade, index of multiple deprivation, highest educational or professional qualification, ethnicity, and living alone.

§This item was introduced to the questionnaire in wave 21 (15 June 2020).